

TECHNOLOGY AND ENGINEERING

High School to College and Career Pathways

TECHNOLOGY & ENGINEERING

Technology and Engineering Education is committed to preparing students for employment and/or continuing education opportunities by teaching them to understand, design, produce, use, and manage the human-made world in order to contribute and function in a technological society.

PROJECT LEAD THE WAY (National Pre-Engineering Program):

Workforce Trends

Due to the expansion of jobs in the technical fields and the increasing numbers of engineers who are retiring, the number of job openings in technology and engineering is increasing. There is a critical shortage of engineers and engineering technologists entering the field at a time when technology is reinventing itself every few years.

Get the Facts

Project Lead the Way is offered in over 45 states and the District of Columbia.

In Utah, an engineer, professional or structural, must be licensed.

Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

Sample Occupations

- > Civil Engineer
- > Complex Analysis
- > Complex Design
- > Development Manufacturing Research
- > Electrical Engineer
- > Mechanical Engineer

For more information on salary projections, labor market demand, and training options, visit www.careers.utah.gov.



Utah State Office of Education
250 East 500 South/P.O. Box 144200
Salt Lake City, UT 84114-4200

utahcte.org

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TECHNOLOGY AND ENGINEERING

Post-Secondary Connection

Talk to your teacher and/or school counselor for the classes in this pathway that connect to college. Many Utah colleges/universities accept high school courses toward a two- or four- year degree through concurrent enrollment – saving you time and money.

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